

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 1. (Currently Amended) A method for providing a user with a private mobile communication
2 service when a mobile communication terminal enters a private mobile communication network
3 being interoperable with a public mobile communication network, comprising the steps of:

4 upon receiving a system parameter message being broadcast by the private mobile
5 communication system, checking by the mobile communication terminal, a predetermined bit for
6 indicating the private mobile communication service area contained in the system parameter
7 message;

8 when the mobile communication terminal exists in the private mobile communication service
9 area, transmitting a location registration message including a predetermined registration type to the
10 private mobile communication system;

11 receiving a message including a private mobile communication service associated command
12 by the mobile communication terminal from the private mobile communication system according
13 to registration result information of the private mobile communication system; and

14 performing, by the mobile communication terminal, a command contained in the received
15 message.

1 2. (Currently Amended) A method for providing a user with a private mobile communication
2 service when a mobile communication terminal enters a private mobile communication network
3 being interoperable with a public mobile communication network, comprising the steps of:
4 upon receiving a system parameter message being broadcast by the private mobile
5 communication system, checking a predetermined bit for indicating the private mobile
6 communication service area contained in the system parameter message;
7 when the mobile communication terminal exists in the private mobile communication service
8 area, transmitting a location registration message including a predetermined registration type to the
9 private mobile communication system;
10 receiving a message including a private mobile communication service associated command
11 from the private mobile communication system according to registration result information of the
12 private mobile communication system; and
13 performing a command contained in the received message.
14 ~~The method as set forth in claim 1,~~ wherein the message including the private mobile communication
15 service associated command is a feature notification message including a predetermined field used
16 for indicating the private mobile communication service possible state.

Claim 3. (Cancelled)

1 4. (Currently Amended) A method for providing a user with the private mobile
2 communication service when a mobile communication terminal enters a private mobile
3 communication network being interoperable with a public mobile communication network,
4 comprising the steps of:

5 upon receiving a system parameter message being broadcast by the private mobile
6 communication system, checking a predetermined bit for indicating the private mobile
7 communication service area contained in the system parameter message;

8 when the mobile communication terminal exists in the private mobile communication service
9 area, transmitting a location registration message including a predetermined registration type to the
10 private mobile communication system by the mobile communication terminal ;

11 receiving a message including the private mobile communication service associated
12 command from the private mobile communication system; and

13 performing a command contained in the received message by the mobile communication
14 terminal .

1 5. (Currently Amended) A method for providing a user with the private mobile
2 communication service when a mobile communication terminal enters a private mobile
3 communication network being interoperable with a public mobile communication network,
4 comprising the steps of:

5 upon receiving a system parameter message being broadcast by the private mobile
6 communication system, checking a predetermined bit for indicating the private mobile .

7 communication service area contained in the system parameter message;

8 when the mobile communication terminal exists in the private mobile communication service
9 area, transmitting a location registration message including a predetermined registration type to the
10 private mobile communication system;

11 receiving a message including the private mobile communication service associated
12 command from the private mobile communication system; and

13 performing a command contained in the received message.

14 ~~The method as set forth in claim 4~~, wherein the message including the private mobile communication
15 service associated command is a feature notification message having a predetermined field used for
16 indicating the private mobile communication service possible state.

1 6. (Original) The method as set forth in claim 5, wherein the predetermined field is a CHARi
2 field of an IS-95 Information Records Element.

Claim 7. (Cancelled)

1 8. (Withdrawn) A method for providing a mobile communication terminal with a private
2 mobile communication service in a private mobile communication system being interoperable with
3 a public mobile communication network, comprising the steps of:

4 broadcasting a system parameter message with a predetermined bit indicating a private
5 mobile communication service area to at least one mobile communication terminal residing in the

6 private mobile communication service area;

7 receiving a registration message including a predetermined registration type requesting to
8 register in the private mobile communication system from the mobile communication terminal;

9 searching for a subscriber database of the private mobile communication system to determine
10 whether the mobile communication terminal is registered or not, and performing a location
11 registration of the mobile communication terminal according to registration result information of the
12 mobile communication terminal; and

13 transmitting a message including a private mobile communication service associated
14 command to the mobile communication terminal.

1 9. (Withdrawn) The method as set forth in claim 8, wherein the message including a private
2 mobile communication service associated command is a feature notification message having a
3 predetermined field used for indicating the private mobile communication service possible state.

1 10. (Withdrawn) The method as set forth in claim 9, wherein the predetermined field is a
2 CHARi field of an IS-95 Information Records Element.

Claim 11. (Cancelled)

1 12. (Previously Presented) A method for providing a mobile communication terminal with
2 a private mobile communication service in a private mobile communication system being

interoperable with a public mobile communication network, comprising the steps of:

broadcasting a system parameter message with a predetermined bit indicating a private mobile communication service area to at least one mobile communication terminal residing in the private mobile communication service area;

receiving a registration message including a predetermined registration type requesting to register in the private mobile communication system from the mobile communication terminal;

performing a location registration of the mobile communication terminal after receiving the registration message; and

transmitting a message including a private mobile communication service associated command to the mobile communication terminal.

13. (Currently Amended) A method for providing a mobile communication terminal with a private mobile communication service in a private mobile communication system being interoperable with a public mobile communication network, comprising the steps of:

broadcasting a system parameter message with a predetermined bit indicating a private mobile communication service area to at least one mobile communication terminal residing in the private mobile communication service area;

receiving a registration message including a predetermined registration type requesting to register in the private mobile communication system from the mobile communication terminal;

performing a location registration of the mobile communication terminal after receiving the registration message; and

11 transmitting a message including a private mobile communication service associated
12 command to the mobile communication terminal,

13 ~~The method as set forth in claim 12,~~ wherein the message including a private mobile communication
14 service associated command is a feature notification message having a predetermined field used for
15 indicating the private mobile communication service possible state.

1 14. (Original) The method as set forth in claim 13, wherein the predetermined field is a
2 CHARi field of an IS-95 Information Records Element.

Claim 15. (Cancelled)

1 16. (Withdrawn) A method for providing at least one mobile communication terminal with
2 a service of a specific area of a mobile communication network when the mobile communication
3 terminal enters the specific area of the mobile communication network, comprising the steps of:

4 broadcasting a system parameter message with a predetermined bit indicating the specific
5 area to the mobile communication terminal residing in the mobile communication service area;

6 receiving a registration message including a predetermined registration type requesting to
7 register in the mobile communication system from the mobile communication terminal;

8 searching for a subscriber database of the mobile communication system to determine
9 whether the mobile communication terminal is registered or not, performing a location registration
10 of the mobile communication terminal according to registration result information of the mobile

11 communication terminal; and
12 transmitting a message including a specific area service associated command to the mobile
13 communication terminal.

1 17. (Withdrawn) The method as set forth in claim 16, wherein the message including a
2 specific area service associated command is a feature notification message having a predetermined
3 field used for indicating the specific area service possible state.

1 18. (Withdrawn) The method as set forth in claim 17, wherein the predetermined field is a
2 CHARi field of an IS-95 Information Records Element.

Claim 19. (Cancelled)

1 20. (Currently Amended) A method for providing a user with a service of a specific area of
2 a mobile communication network when the mobile communication terminal enters the specific area
3 of a mobile communication system, comprising the steps of:

4 upon receiving a system parameter message being broadcast by the mobile communication
5 system, checking a predetermined bit for indicating the specific area in the system parameter
6 message by the mobile communication terminal ;

7 when the mobile communication terminal exists in the service area of the specific area,
8 transmitting a registration message including a predetermined registration type to the mobile

9 communication system;

10 receiving a message including a specific area service associated command of a mobile
11 communication network from the mobile communication system; and

12 performing a command contained in the received message.

Claim 21. (Cancelled)

1 22. (Currently Amended) A computer-readable medium having computer-executable
2 instructions for performing a method for providing a user with a private mobile communication
3 service when a mobile communication terminal enters a private mobile communication network
4 being interoperable with a public mobile communication network, comprising:

5 upon receiving a system parameter message being broadcast by the private mobile
6 communication system, checking a predetermined bit for indicating the private mobile
7 communication service area contained in the system parameter message by the mobile
8 communication terminal ;

9 when the mobile communication terminal exists in the private mobile communication service
10 area, transmitting a location registration message including a predetermined registration type to the
11 private mobile communication system;

12 receiving a message including a private mobile communication service associated command
13 from the private mobile communication system according to registration result information of the
14 private mobile communication system; and

15 performing a command contained in the received message.

1 23. (Currently Amended) A computer-readable medium having computer-executable
2 instructions for performing a method for providing a user with a private mobile communication
3 service when a mobile communication terminal enters a private mobile communication network
4 being interoperable with a public mobile communication network, comprising:

5 upon receiving a system parameter message being broadcast by the private mobile
6 communication system, checking a predetermined bit for indicating the private mobile
7 communication service area contained in the system parameter message;

8 when the mobile communication terminal exists in the private mobile communication service
9 area, transmitting a location registration message including a predetermined registration type to the
10 private mobile communication system;

11 receiving a message including a private mobile communication service associated command
12 from the private mobile communication system according to registration result information of the
13 private mobile communication system; and

14 performing a command contained in the received message.

15 ~~The computer-readable medium of claim 22,~~ wherein the message including a private mobile
16 communication service associated command is a feature notification message including a
17 predetermined field used for indicating the private mobile communication service possible state.

Claim 24. (Cancelled)

1 25. (Previously Presented) The method as set forth in claim 1, wherein the command allows
2 the mobile communication terminal to perform a manner mode conversion function.

1 26. (Previously Presented) The method as set forth in claim 4, wherein the command enables
2 the mobile communication terminal to perform a manner mode conversion function.

1 27. (Withdrawn) The method as set forth in claim 8, wherein the command enables the
2 mobile communication terminal to perform a manner mode conversion function.

1 28. (Previously Presented) The method as set forth in claim 12, wherein the command allows
2 the mobile communication terminal to perform a manner mode conversion function.

1 29. (Withdrawn) The method as set forth in claim 16, wherein the command enables the
2 mobile communication terminal to perform a manner mode conversion function.

1 30. (Previously Presented) The method as set forth in claim 20, wherein the command
2 enables the mobile communication terminal to perform a manner mode conversion function.

Claims 31-32. (Cancelled)

1 33. (Currently Amended) A method for providing a user with a private mobile

2 communication service when a mobile communication terminal enters a private mobile
3 communication network, comprising the steps of:

4 upon receiving a system parameter message being broadcasting by the private mobile
5 communication system, checking , by the mobile communication terminal, a predetermined bit for
6 indicating the private mobile communication service area contained in the system parameter
7 message, and determining , by the mobile communication terminal, whether the mobile
8 communication terminal exists in the private mobile communication service area;

9 when the mobile communication terminal exists in the private mobile communication service
10 area, transmitting a location registration message including a predetermined registration type to the
11 private mobile communication system;

12 receiving a message indicating a private mobile communication associated command from
13 the private mobile communication system; and

14 performing a command contained in the received message.